

**ROCKY FLATS PLANT**  
**EMD OPERATING**  
**PROCEDURES MANUAL**

Manual No.: **5-21200-OPS-EE**  
Procedure No.: **Table of Contents, Rev 4**  
Page: **1 of 2**  
Effective Date: **02/18/93**  
Organization: **Environmental Management**

**THIS IS ONE VOLUME OF A SIX VOLUME SET WHICH INCLUDES:**

**VOLUME I: FIELD OPERATIONS (FO)**  
**VOLUME II: GROUNDWATER (GW)**  
**VOLUME III: GEOTECHNICAL (GT)**  
**VOLUME IV: SURFACE WATER (SW)**  
**VOLUME V: ECOLOGY (EE)**  
**VOLUME VI: AIR (AP)**

**TABLE OF CONTENTS**  
**FOR VOLUME V: ECOLOGY**

<b>Procedure No.</b>	<b>Title</b>	<b>Rev. No.</b>	<b>Effective Date</b>
EE.01	Sampling of Periphyton	1	5/91
EE.02	Sampling of Benthic Macroinvertebrates	1	5/91
*DCN 92.01	EXPIRED (Clarification of Benthic Macroinvertebrates) This DCN was extended by DCN 93.01 dated 2/17/93	1	Expired
*DCN 93.01	Clarification of Benthic Macroinvertebrates	1	02/17/93
EE.03	Sampling of Plankton	1	5/91
EE.04.	Sampling of Fishes	1	5/91
*DCN.92.01	EXPIRED (Add Paper Scale Envelopes)	1	Expired
*DCN 92.02	EXPIRED (Clarification of Fish Sampling)	1	Expired
*DCN 92.03	EXPIRED (Clarification of Fish Sampling)	1	Expired
*DCN 92.04	EXPIRED (Clarification of Fish Sampling)	1	Expired
*DCN 92.05	EXPIRED (Clarification of Fish Sampling)	1	Expired
EE.05	Sampling of Large Mammals	1	5/91
EE.06	Sampling of Small Mammals	1	5/91
EE.07	Sampling of Birds	1	5/91

**DOCUMENT CLASSIFICATION REVIEW WAIVER**  
**PER R.B. HOFFMAN, CLASSIFICATION OFFICE**  
**JUNE 11, 1991**

**ADMIN RECORD**

A-SW-001065

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EMD OPERATING  
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Page: 2 of 2  
Effective Date: 02/18/93  
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<b>Procedure No.</b>	<b>Title</b>	<b>Rev. No.</b>	<b>Effective Date</b>
EE.08	Sampling of Reptiles and Amphibians	1	5/91
EE.09	Sampling of Terrestrial Arthropods	1	5/91
EE.10	Sampling of Vegetation	1	5/91
DCN 91.01	Superseded by DCN # 92.01	1	08/11/92
*DCN 92.01	EXPIRED (To Clarify Methods for Conducting Vegetation Surveys) This DCN was extended by DCN 93.01 dated 2/17/93	1	Expired
*DCN 93.01	To Clarify Methods for Conducting Vegetation Surveys	1	02/17/93
EE.11	Identification of Habitat Types	1	5/91
EE.12	Sampling of Soil for Soil Description	1	5/91
EE.13	Development of Ecology Field Sampling Plans	1	5/91
DCN 91.01	Superseded by DCN # 92.01	1	08/11/92
*DCN 92.01	EXPIRED (The Outline for a Field Sampling Plan is Modified) This DCN was extended by DCN 93.01 dated 2/17/93	1	Expired
*DCN 93.01	The Outline for a Field Sampling Plan is Modified	1	02/17/93
APPA	Appendix A: Species Codes Assignment of Species Codes	1	5/91
APPB	Appendix B: Wildlife Habitat Code Assignment of Wildlife Habitat Codes	1	5/91

ESB 2/19/93 This is a #22

**ENVIRONMENTAL MANAGEMENT  
DOCUMENT CHANGE NOTICE (DCN)**

EG&G - ROCKY FLATS PLANT  
ENVIRONMENTAL MANAGEMENT  
This is a RED Stamp

Procedure Number 5-21200-OPS-EE.10, Rev 1, DF  
MKB 2/15/93

Title	Sampling of Vegetation	Date	2-17-93 <del>1/20/93</del> MKB 2/15/93	DCN Number	5-21200- 93.01/af
Expires	<u>1/20/93</u> <u>2/17/94</u> MKB 2/15/93	Procedure Revision Required	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Scope Limitation	N/A				

Item Number	Page	Step or Paragraph	Changes (Use DCN CONTINUATION SHEET for Additional Space)
1	6	Bullet 4	Walk along the transect and record each plant (by species) intercepted ("hit") by the tape measure at each 0.5m intervals (i.e. 100 hits per 50m transect). The meter mark on the edge of the tape (always right or always left) is the "point." A point frame or ocular sighting device may be used to define the point at each 0.5m interval. (All units will be measured to +/- 10%).
2	7	Bullet 6	If the FSP specifies conducting a "preliminary" vegetation survey, then the configuration of sampling points may be varied as necessary to allow the collection of data more rapidly. Configuration of sampling must be kept consistent among transects where data are to be pooled. Data collected during preliminary surveys under different sampling configurations must be restricted in its use for comparisons between transects and limited to the purpose set out in the FSP. The configuration/method used shall be recorded in the comment section of the field form.  <i>The measured units are the only change. The rest of the information is for clarification. LW 2/16/93</i>

Justification (Reason for Change - Provide Numbers To Reference Corresponding Items Above)

1-2. This is an extension for expired DCN 92.01 during which time the SOP is being revised to incorporate this DCN.

**DOCUMENT CLASSIFICATION REVIEW WAIVER  
PER R.B. HOFFMAN, CLASSIFICATION OFFICE  
JUNE 11, 1991**

Concurrence	Organization	Req	Date	Concurrence	Organization	Req	Date
<i>[Signature]</i>	QAPM	X	2/14/93	<i>[Signature]</i>	User	X	1/22/93
				<i>[Signature]</i>	FOM		2/3/93
				<i>[Signature]</i>	EQS		2-15-93
				<i>[Signature]</i>	ERS		
Approval of Responsible Manager	Date	Is Posting Req'd?	If Yes, By What Date?	Date Posted			
<i>[Signature]</i>	1/22/92	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Upon receipt				